



## Risk Assessment and Reliability Engineering of Process Operations

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submissions:

**closed (29 February 2024)**

### Message from the Guest Editors

This Special Issue pays particular attention to safety, risk, and reliability in process industries including theory, method, and engineering application, to cope with the challenges of harsh environments, major accidents, and new energy.

Potential topics include, but are not limited to, the following:

- Structural design method in harsh environment
- Structural safety assessment of process facilities
- Accident modeling in process operations
- Risk identification, analysis, assessment
- Emergency decision-making and management
- Technical Safety and Loss Prevention
- Non-destructive detection technique for process facilities
- Reliability assessment process facilities
- Transportation safety of emerging energy
- Fault Diagnostics and Prognostics
- Risk early-warning
- AI in safety and reliability
- Resilience engineering





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## Message from the Editor-in-Chief

*Processes* (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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